



IN

UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of:

Confirmation No: 9739

Guarda et al.

Group Art Unit: 1713

Application Serial No.: 10/785,006

Examiner: Hu, Henry S.

Filed: February 25, 2004

Attorney Docket No.: 108910-00125

For: Linear Perfluoropolyethers Having an Improved Thermooxidative Stability

April 4, 2006

\* \* \* \* \*

**RESPONSE TO RESTRICTION REQUIREMENT**

Mail Stop AMENDMENT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Restriction Requirement dated March 14, 2006, Applicants elect:

- Group III, claims 13-14, drawn to the use of a linear type compound perfluoropolyether having formula (I) as T-O-(CF<sub>2</sub>O)<sub>n</sub>(CF<sub>2</sub>CF<sub>2</sub>O)<sub>m</sub>(CF<sub>2</sub>CF<sub>2</sub>CF<sub>2</sub>O)<sub>r</sub>(CF<sub>2</sub>CF<sub>2</sub>CF<sub>2</sub>CF<sub>2</sub>O)<sub>s</sub>-T<sub>1</sub> as lubricants.

This election is made with traverse. The traversal is on the grounds that the present perfluoropolyether (PFPE) lubricants also contain C<sub>3</sub> and C<sub>4</sub> perfluoroxy alkylene units with respect to the known PFPE lubricants (containing C<sub>1</sub> and C<sub>2</sub> units) and have the ratios between the various C<sub>1</sub>-C<sub>4</sub> perfluoroxy alkylene units different from the known PFPE lubricants. See the description from page 5, last paragraph bridging to page 6.

Application Serial No.: 10/785,006  
Inventor(s): Guarda et al.  
Attorney Docket No.: 108910-00125

The above structure features attain to perfluoropolyethers having improved thermooxidative stability in the presence of metals with respect to known PFPE lubricants and the above structure is only obtained by using the present process.

Applicants respectfully submit that this application is in condition for allowance and request favorable action thereon. This response is filed within the shortened statutory period for response, no fee due. In the event this response is not timely filed, the applicants hereby petition for an appropriate extension of time. The fee for this extension, along with any additional fees required with respect to this response, may be charged to Deposit Account No. 01-2300, referencing Attorney Docket No. 108910-00125.

Respectfully submitted,

AREN'T Fox PLLC



Richard J. Berman  
Registration No.: 39,107  
Direct Telephone No.: 202-857-6232

Customer No.: 004372

1050 Connecticut Avenue, N.W.  
Washington, D.C. 20036-5339

Telephone No.: 202-857-6000  
Facsimile No.: 202-857-6395

RJB/pdc